

Suzuki Intruder Vs700 Vs800 1985 1997 Workshop Service

Suzuki Intruder VS700 & VS800 (1985-1997): A Comprehensive Workshop Service Guide

The iconic Suzuki Intruder VS700 and VS800, produced between 1985 and 1997, represent a golden age of cruiser motorcycles. Their timeless styling and reliable performance have garnered a dedicated following, leading many owners to embrace the rewarding experience of performing their own maintenance and repairs. This comprehensive guide delves into the intricacies

of **Suzuki Intruder VS700 vs800 1985 1997 workshop service**, covering essential aspects to keep your classic cruiser running smoothly for years to come. We'll explore everything from routine maintenance like **carburetor cleaning** and **oil changes** to more complex repairs, focusing on the nuances specific to these models.

Understanding Your Intruder: VS700 vs. VS800 Differences

Before diving into specific workshop tasks, it's crucial to understand the key differences between the VS700 and VS800. While both share the same basic design philosophy, the 800cc engine offers a noticeable increase in power and torque. This difference affects various aspects of maintenance, particularly regarding engine components and lubrication. For instance, the VS800's larger engine requires a slightly different oil capacity and potentially different filter types. Understanding these subtle variations is crucial for sourcing the correct **replacement parts** and following the appropriate service intervals outlined in your owner's manual. This also affects the complexity of certain tasks; for example, **carburetor synchronization** might be slightly more involved on the VS800 due to the increased engine displacement.

Essential Maintenance Procedures for Your Suzuki Intruder

Regular maintenance is the cornerstone of prolonging the life and performance of your Suzuki Intruder. These procedures are vital, regardless of whether you own a VS700 or VS800.

Routine Maintenance:

- **Oil Changes:** Regular oil changes are paramount. Use the recommended viscosity oil as specified in your owner's manual. This ensures proper lubrication and prevents engine wear. The frequency depends on riding conditions; consult your manual for detailed recommendations. This task is relatively straightforward, involving draining the old oil, replacing the filter, and refilling with fresh oil.
- **Air Filter Replacement:** A clogged air filter restricts airflow, impacting engine performance and fuel economy. Replacing the air filter regularly (according to your owner's manual) is a simple but highly effective maintenance task.
- **Spark Plug Inspection and Replacement:** Regularly inspect your

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spark plugs for wear and fouling. Replace them as needed to maintain optimal ignition and engine performance. This is another relatively easy task, but proper gap adjustment is critical.

- **Carburetor Cleaning and Synchronization:** Carburetors on these models are prone to becoming dirty over time, leading to poor running. Regular cleaning and synchronization are crucial, especially in humid or dusty climates. This task requires some mechanical aptitude and specialized tools. Several excellent online resources and videos can guide you through the process.
- **Chain Lubrication and Adjustment (if applicable):** If your Intruder has a chain drive, regular lubrication and adjustment are essential for smooth operation and longevity. This requires consistent attention to avoid premature wear.

Advanced Maintenance and Repair:

More advanced tasks such as valve adjustments, timing belt replacement (if applicable), and electrical system troubleshooting require more specialized knowledge and tools. While tackling these yourself is possible with patience and research, it's advisable to seek professional help

if you lack the experience or specialized tools. It is also worth noting that finding **vintage motorcycle parts** for these older models may require more effort and research.

Troubleshooting Common Issues

Many common problems are easily addressed with basic mechanical skills and readily available parts. However, persistent issues or more complex problems should warrant professional attention from a qualified mechanic. Some frequently encountered problems include:

- **Starting Issues:** Troubles starting can stem from a variety of issues, including a dead battery, faulty starter motor, or carburetor problems. Systematically checking each component will usually pinpoint the cause.
- **Engine Stalling:** Similar to starting issues, engine stalling can have multiple origins, from fuel delivery issues (carburetor, fuel pump) to ignition problems (spark plugs, coil).
- **Electrical Problems:** Older motorcycles are prone to electrical issues. Inspecting wiring, connectors, and fuses can often

resolve seemingly complex problems.

Sourcing Parts and Resources

Finding parts for these older models might require more effort than for newer bikes. Online retailers specializing in vintage motorcycle parts are excellent resources. Furthermore, online forums and communities dedicated to Suzuki Intruder motorcycles are invaluable for troubleshooting, part sourcing, and exchanging repair tips. You'll discover a wealth of knowledge and experience from fellow enthusiasts. Remember to always use genuine Suzuki parts or high-quality aftermarket equivalents to maintain the integrity of your motorcycle.

Conclusion

Maintaining your Suzuki Intruder VS700 or VS800 involves a blend of routine maintenance and occasional more complex repairs. By understanding the specifics of your model and dedicating time to regular care, you can significantly extend the life of your classic cruiser and enjoy countless miles of open road riding. Remember that safety is paramount; if you're uncertain about any repair, seek professional

help. The satisfaction of working on your own bike, however, is a rewarding experience for any motorcycle enthusiast.

FAQ

Q1: What's the recommended oil type for my 1990 Suzuki Intruder VS750?

A1: Consult your owner's manual for the precise recommendation. However, a common choice for this model is typically a 20W-50 high-quality motorcycle-specific oil. Always adhere to the manufacturer's specifications to avoid engine damage.

Q2: How often should I replace the spark plugs in my Suzuki Intruder VS800?

A2: The recommended replacement interval is usually every 12,000-15,000 miles or annually, whichever comes first. However, it's essential to inspect the spark plugs more frequently, checking for wear and fouling. If you notice significant wear or fouling, replace them sooner.

Q3: Where can I find a Suzuki Intruder VS700 service manual?

A3: You can find service manuals online from various retailers specializing in motorcycle repair

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manuals. eBay and Amazon are excellent resources. Additionally, you might find downloadable PDF versions through online forums dedicated to Suzuki Intruder owners. Ensure you select the correct manual for your specific year and model.

Q4: My carburetor is causing problems. What should I do?

A4: A dirty or improperly adjusted carburetor can cause a myriad of issues. You can try cleaning it yourself using a carburetor cleaner kit and following a detailed guide specific to your model. However, if you're not comfortable with this, it's best to seek professional help from a qualified mechanic experienced with carburetors.

Q5: How often should I lubricate my motorcycle chain?

A5: If your Intruder has a chain drive, you should lubricate it every 300-500 miles, depending on riding conditions (dusty environments will require more frequent lubrication). Use a high-quality motorcycle chain lubricant and apply it evenly along the chain's length while the chain is in motion (carefully).

Q6: What are the most common problems with the Suzuki Intruder VS800 electrical

system?

A6: Common issues often involve corroded connectors, frayed wiring, and failing components like the ignition coil or voltage regulator. Regularly inspecting your wiring harness and connectors for corrosion and damage is crucial. Using dielectric grease on connectors can help prevent corrosion.

Q7: Are aftermarket parts a good alternative to original Suzuki parts?

A7: High-quality aftermarket parts can be a viable alternative in many cases, particularly for readily available items like filters and certain engine components. However, always choose reputable brands with positive reviews. For crucial engine components, genuine Suzuki parts are often preferred to ensure the best fit and performance.

Q8: Where can I find a community of Suzuki Intruder owners?

A8: Several online forums and social media groups are dedicated to Suzuki Intruder owners. These communities are excellent resources for advice, parts sourcing, and troubleshooting help. Searching for "Suzuki Intruder forum" or "Suzuki Intruder owners group" will yield numerous relevant results.

Diving Deep into the Suzuki Intruder VS700 & VS800 (1985-1997): A Workshop Service Guide

For lovers of classic cruisers , the Suzuki Intruder VS700 and VS800, produced between 1985 and 1997, represent iconic machines . These strong machines, with their characteristic styling and dependable engineering , have earned a dedicated following. This thorough guide will delve into the intricacies of workshop service for these iconic motorcycles, providing practical advice for both beginners and seasoned mechanics.

The heart of effective maintenance lies in understanding the specifics of each model . While sharing a common base , the VS700 and VS800 differ in several key areas, requiring customized approaches to service. We'll dissect these differences , focusing on the most common service procedures .

Engine Maintenance: The Beating Heart

The effortless function of the V-twin engine is paramount. Regular oil changes are essential , using the specified viscosity grade of oil.

Neglecting this can lead to premature engine wear and pricey repairs. We recommend using a high-quality oil filter to enhance filtration . Checking the valve clearances is also necessary, as improper clearances can impact engine performance and fuel economy . This requires accuracy and specialized tools. Consult your owner's manual for the accurate procedures .

Carburation and Fuel System:

The carburetors is a critical component in these machines. Regular cleaning and adjustment are necessary to ensure optimal fuel mixture . Blocked jets can lead to poor performance , poor fuel economy, and even engine breakdown. Mastering how to maintain the carburetor is a useful skill for any owner.

Electrical System:

The electrics requires periodic inspection and maintenance. Damaged connections can lead to a array of issues , from unpredictable breakdowns to complete electrical system failure. Checking the alternator health is crucial, and regular cleaning of the terminal blocks can significantly extend the durability of the system.

Chassis and Suspension:

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Maintaining the structure and suspension system is essential for safe and comfortable handling. Regular inspection of the wheels, brakes, and steering components is essential . Proper inflation is also crucial for optimal handling and tire life . The suspension should be checked for leaks and wear .

Transmission and Drive Train:

The drive train should be regularly checked for proper lubrication . Insufficient oil can cause damage to the components . Proper shifting is important for both efficient operation and durability.

Conclusion:

Working on your Suzuki Intruder VS700 or VS800 can be a fulfilling experience, enhancing your understanding of your machine and building a closer connection with it. By adhering to these guidelines and consulting the appropriate service manuals , you can preserve your antique motorcycle in peak shape for many years to come.

Frequently Asked Questions (FAQ):

Q1: Where can I find a service manual for my Suzuki Intruder VS700/VS800?

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A1: Service manuals are available from motorcycle parts suppliers like Cyclepedia. You can also check with local motorcycle shops .

Q2: How often should I change the oil in my Intruder?

A2: The recommended oil change schedule is generally every 5000 miles or 6 months, whichever comes first. Always refer your owner's manual for the most accurate information.

Q3: What are the most common problems with these motorcycles?

A3: Common issues include carburetor problems . Regular maintenance and anticipatory care can help minimize these issues.

Q4: Can I perform all the maintenance myself, or should I take it to a mechanic?

A4: The level of maintenance tasks changes. Some tasks, like oil changes, are relatively simple, while others, like carburetor repair , are more challenging. Assess your skills and comfort level before undertaking any repairs. If unsure, consult a qualified mechanic.

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